



Main

Range of product	Conext NA
Device short name	TX 2800 NA
Product or component type	Grid-tie solar inverter
Network number of phases	Single phase
Nominal output power	2.8 kW AC - 240 V 2.7 kW AC - 208 V

Complementary

Output voltage	240 V AC single phase 208 V AC single phase
Output current	13 A AC - 208 V 11.7 A AC - 240 V
Network frequency	60 Hz (output)
Cos phi	>= 0.99 at rated power (output) >= 0.95 at full power range (output)
Harmonic distortion	< 3 %
Input voltage	195...550 V DC MPPT - CEC & CSA 600 V DC open circuit
Input current	15.4 A DC - open circuit 14.9 A DC - open circuit 24 A DC - short circuit
Overcurrent protection	20 A (output)
Reverse polarity protection	Short-circuit diode
Efficiency	95.2 % peak - 240 V 94.5 % CEC - 208 V 95.2 % peak - 208 V 94.5 % CEC - 240 V
Power consumption in W	1 W night time
Topology	Transformer, Isolated
Function available	GF detection, IDIF > 1 A
Display type	LCD
Messages display capacity	2 lines of 16 characters
Communication interface	Xanbus RJ45 RS232
AWG gauge	14...6
Type of cooling	Convection fan not required
Device mounting	Wall mounted
Height	88.8 cm
Width	40.3 cm
Depth	18.5 cm
Product weight	30.21 kg

Environment

NEMA degree of protection	NEMA 3R
Ambient air temperature for operation	-25...65 °C
Standards	UL 1741 CSA 107.1-01 IEEE 1547 CSA 2 C22.2 No.107-1-01



Main

Range of product	Conext NA
Device short name	TX 3300 NA
Product or component type	Grid-tie solar inverter
Network number of phases	Single phase
Nominal output power	3.3 kW AC - 240 V 3.1 kW AC - 208 V

Complementary

Output voltage	240 V AC single phase 208 V AC single phase
Output current	13.8 A AC - 240 V 14.9 A AC - 208 V
Network frequency	60 Hz (output)
Cos phi	>= 0.99 at rated power (output) >= 0.95 at full power range (output)
Harmonic distortion	< 3 %
Input voltage	195...550 V DC MPPT - CEC & CSA 600 V DC open circuit
Input current	24 A DC - short circuit 18 A DC - open circuit 17 A DC - open circuit
Overcurrent protection	20 A (output)
Reverse polarity protection	Short-circuit diode
Efficiency	94.5 % CEC - 240 V 95.6 % peak - 240 V 95 % CEC - 208 V 95.3 % peak - 208 V
Power consumption in W	1 W night time
Topology	Transformer, Isolated
Function available	GF detection, IDIF > 1 A
Display type	LCD
Messages display capacity	2 lines of 16 characters
Communication interface	Xanbus RJ45 RS232
AWG gauge	14...6
Type of cooling	Convection fan not required
Device mounting	Wall mounted
Height	88.8 cm
Width	40.3 cm
Depth	18.5 cm
Product weight	31.75 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

NEMA degree of protection	NEMA 3R
Ambient air temperature for operation	-25...65 °C
Standards	UL 1741 CSA 107.1-01 IEEE 1547 CSA 2 C22.2 No.107-1-01



Main

Range of product	Conext NA
Device short name	TX 3800 NA
Product or component type	Grid-tie solar inverter
Network number of phases	Single phase
Nominal output power	3.8 kW AC - 240 V 3.5 kW AC - 208 V

Complementary

Output voltage	240 V AC single phase 208 V AC single phase
Output current	15.8 A AC - 240 V 16.8 A AC - 208 V
Network frequency	60 Hz (output)
Cos phi	>= 0.99 at rated power (output) >= 0.95 at full power range (output)
Harmonic distortion	< 3 %
Input voltage	195...550 V DC MPPT - CEC & CSA 600 V DC open circuit
Input current	24 A DC - short circuit 20.8 A DC - open circuit 19.5 A DC - open circuit
Overcurrent protection	20 A (output) 25 A (output)
Reverse polarity protection	Short-circuit diode
Efficiency	96.3 % peak - 240 V 95.5 % CEC - 208 V 96 % peak - 208 V 95.5 % CEC - 240 V
Power consumption in W	1 W night time
Topology	Transformer, Isolated
Function available	GF detection, IDIF > 1 A
Display type	LCD
Messages display capacity	2 lines of 16 characters
Communication interface	Xanbus RJ45 RS232
AWG gauge	14...6
Type of cooling	Convection fan not required
Device mounting	Wall mounted
Height	98.8 cm
Width	40.3 cm
Depth	18.5 cm
Product weight	36.42 kg

Environment

NEMA degree of protection	NEMA 3R
Ambient air temperature for operation	-25...65 °C
Standards	UL 1741 CSA 107.1-01 IEEE 1547 CSA 2 C22.2 No.107-1-01



Main

Range of product	Conext NA
Device short name	TX 5000 NA
Product or component type	Grid-tie solar inverter
Network number of phases	Single phase
Nominal output power	5 kW AC - 240 V 4.5 kW AC - 208 V

Complementary

Output voltage	240 V AC single phase 208 V AC single phase
Output current	21 A AC - 240 V 22 A AC - 208 V
Network frequency	60 Hz (output)
Cos phi	>= 0.99 at rated power (output) >= 0.95 at full power range (output)
Harmonic distortion	< 3 %
Input voltage	600 V DC open circuit 240...550 V DC MPPT - CEC & CSA
Input current	24 A DC - short circuit 22 A DC - open circuit 20 A DC - open circuit
Overcurrent protection	30 A (output)
Reverse polarity protection	Short-circuit diode
Efficiency	96 % peak - 208 V 95.5 % CEC - 240 V 96.7 % peak - 240 V 96 % CEC - 208 V
Power consumption in W	1 W night time
Topology	Transformer, Isolated
Function available	GF detection, IDIF > 1 A
Display type	LCD
Messages display capacity	2 lines of 16 characters
Communication interface	Xanbus RJ45 RS232
AWG gauge	14...6
Type of cooling	Convection fan not required
Device mounting	Wall mounted
Height	98.8 cm
Width	40.3 cm
Depth	18.5 cm
Product weight	38.1 kg

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Environment

NEMA degree of protection	NEMA 3R
Ambient air temperature for operation	-25...65 °C
Standards	UL 1741 CSA 107.1-01 IEEE 1547 CSA 2 C22.2 No.107-1-01